

IN THE CLAIMS:

Please AMEND claim 1, as shown below; and

please CANCEL claims 4-5 and 7-16 without prejudice or disclaimer.

1. (Currently Amended) A constant-velocity joint having a tubular outer member having a plurality of axially extending guide grooves defined in an inner circumferential surface thereof and spaced at predetermined intervals, said outer member being connected to one transmission shaft, and an inner member inserted in an open internal space of said outer member and connected to another transmission shaft, wherein

said inner member comprises:

a plurality of trunnions projecting into said guide grooves ;

a ring-shaped roller held in contact with each of said guide grooves and fitted over each of said trunnions; and

a plurality of rolling elements rollingly interposed between each of said trunnions and said roller;

said roller having a flange disposed on an inner circumferential surface thereof near a projecting end of each of said trunnions, said flange projecting radially inwardly and circularly extending along said inner circumferential surface;

wherein an annular member is mounted on said trunnion near a proximal end thereof;

said rolling elements being retained between said flange and said annular member,

and

wherein a ratio (r_1/D) of a radius (r_1) of curvature of an outer circumferential surface of said trunnion, which extends from a cylindrical portion of the trunnion, onto which said roller is fit, to said proximal end thereof to a diameter (D) of said cylindrical portion is set to a range from 0.05 to 0.35.

2. (Previously Presented) A constant-velocity joint according to claim 1, wherein said annular member has a beveled surface produced by beveling an area thereof which is held against the proximal end of said trunnion.

3. (Previously Presented) A constant-velocity joint according to claim 1, wherein a gap (X) is set between said annular member and said rolling elements for providing a predetermined distance (δ) by which said roller is movable in an axial direction of said trunnion.

4-5 (Cancelled)

6. (Previously Presented) A constant-velocity joint according to claim 1, wherein a gap K between said rolling elements and said annular member or a gap K between said roller and said annular member is set with respect to a distance δ by which said roller is movable in an axial direction of said trunnion, according to the relationship:

$$K > \delta = R/2 \cdot (1/\cos\theta_{\max} - 1)$$

where R: the radius of rotation of the center of said roller around a central axis of said outer member; and

θ_{\max} : the maximum angle of tilt of said other transmission shaft with respect to said one transmission shaft.

7-16 (Cancelled)